



OBLON ET AL (703) 413-3000  
 DOCKET # 251193US40 DIV  
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 USSN 10/809,700  
 Reply to NTFCAP DATED June 15, 2004  
 REPLACEMENT DRAWINGS

**BEFORE TEMPERING**

Scratch from glass chip,  
 seaming, handling, etc...  
 NOT VISIBLE TO NAKED  
 EYE

**DURING TEMPERING**

Scratch propagates from  
 surface down through  
 Si<sub>3</sub>N<sub>4</sub>.

**DURING & AFTER TEMPERING**

Ag agglomerates once it has a  
 free surface, and wrinkles  
 Si<sub>3</sub>N<sub>4</sub>. NOW VISIBLE.

Air

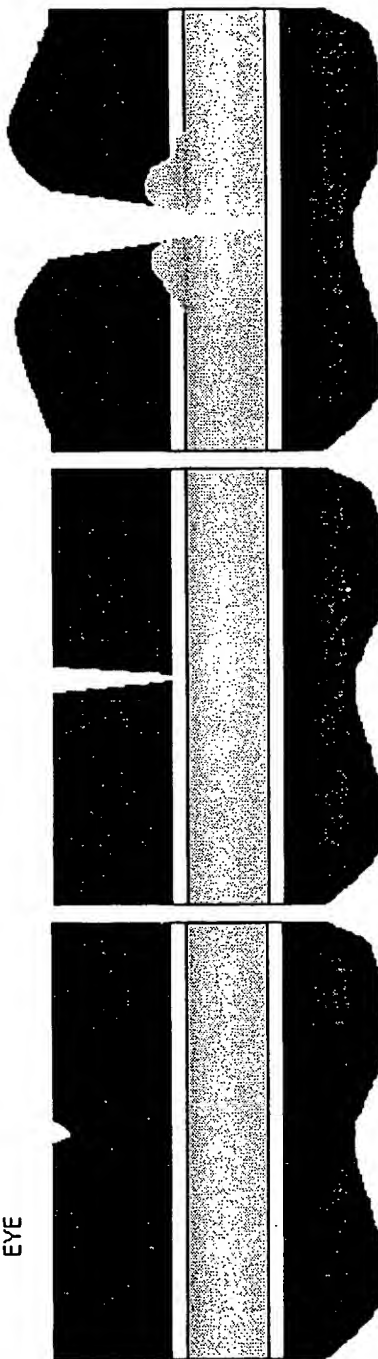
Si<sub>3</sub>N<sub>4</sub>

NiCrOx

Ag

ZnO

Si<sub>3</sub>N<sub>4</sub> &  
 rest



**FIG.3**

**BEST AVAILABLE COPY**

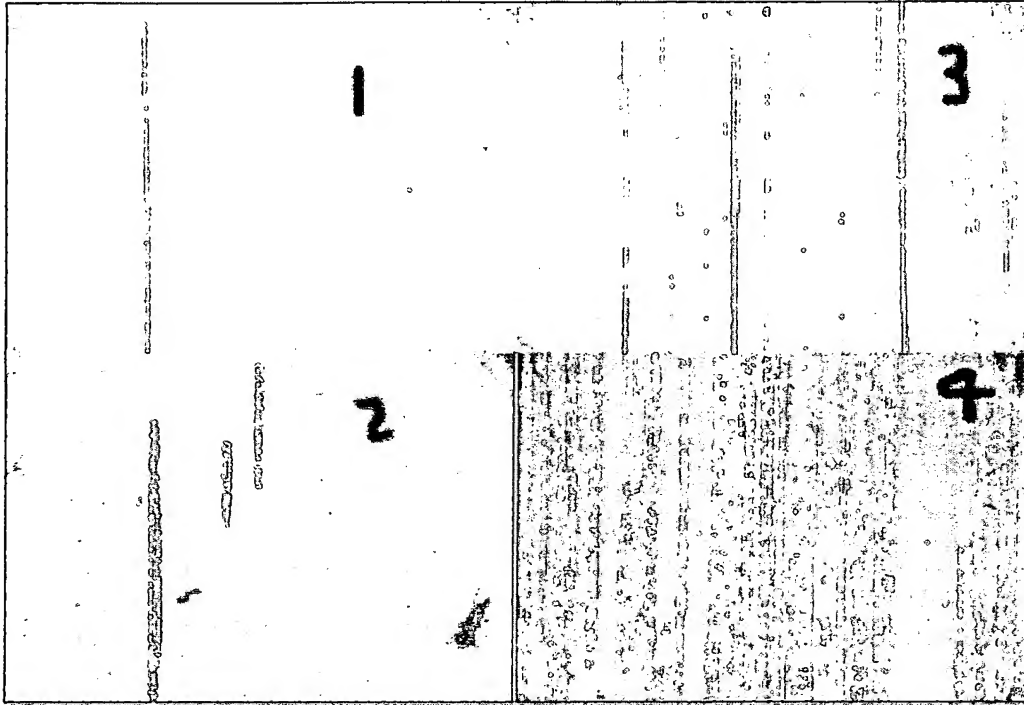


FIG. 5

BEST AVAILABLE COPY

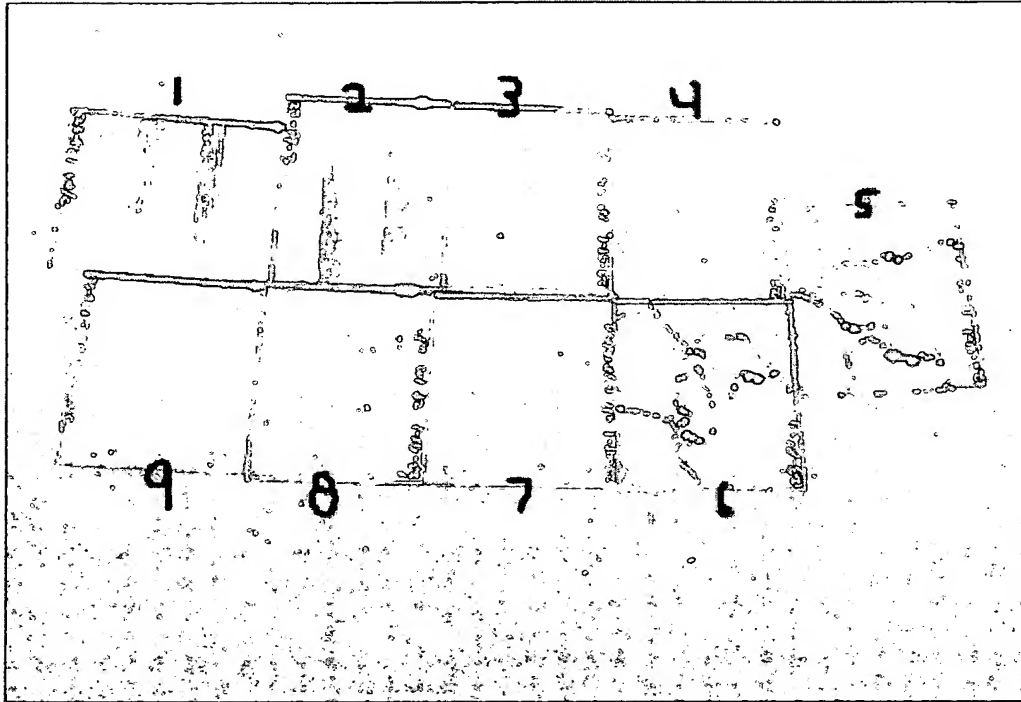


FIG.6

BEST AVAILABLE